				DEPTH		ROYALT			ORR			WI
_					Original			Amended Net		Net	_	Working
Tr.	ADL No.	Legal		Depth	Royalty	Royalty	Owns.	Royalty*	ORRI	ORRI	Tract	Interest
No. 162	AK No.	Description T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	Acres 308.00	Restrictions None	(%)	Owners	(%)	(%)	Owners	(%)	Owners CPAI	(%)
102	390344	section 5, unsurveyed, all excluding tide and submerged	308.00	None	16.66667	State ASRC	76.19 23.81	12.6983400 2.9683300	•	1.00000	PAA	56.00 22.00
		lands seaward of the line of mean high water as shown				ASKC	23.61	15.6666700	-		APC	22.00
		on the official tract map for O&G Lease Sale 43, 308 acres						13.0000700			Arc	22.00
		on the official tract map for Occo Lease Sale 45, 500 acres										
163	390344	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	531.00	None	16.66667	State	64.60	10.76667	Kuukpik	1.00000	CPAI	56.00
		section 8, unsurveyed, all excluding tide and submerged				ASRC	35.40	4.90000	-		PAA	22.00
		lands of the line of mean high water as shown on the						15.66667	•		APC	22.00
		official tract map for O&G Lease Sale 43, 531 acres										
164	390345	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	448.00	None	16.66667	State	69.63		Kuukpik	1.00000	CPAI	56.00
		section 17 unsurveyed, all, excluding tide and submerged				ASRC	30.37	4.06167	=		PAA	22.00
		lands of the line of mean high water as shown on the						15.666670			APC	22.00
		official tract map for O&G Lease Sale 43, 448 acres										
165	390348	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	192.00	None	16.66667	State	69.63	11.60500	Kuukpik	1.00000	CPAI	56.00
		section 17, unsurveyed, all tide and submerged lands	-/			ASRC	30.37	4.06167	_		PAA	22.00
		seaward of mean high water as shown						15.666670	-		APC	22.00
		on the official tract map for O&G Lease Sale 43, 192 acres										
166	390350	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	109.00	None	16.66667	State	64.60	10.76667	Kuukpik	1.00000	CPAI	56.00
		section 8, unsurveyed, all tide and submerged lands as shown				ASRC	35.40	4.90000	_		PAA	22.00
		on the official tract map for the State O&G Lease						15.66667			APC	22.00
		Lease Sale 75, 109 acres.										
167	390350	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	332.00	None	16.66667	State	76.19	12.69834	Kuukpik	1.00000	CPAI	56.00
		section 5, unsurveyed, all tide and submerged lands				ASRC	23.81	2.96833	1		PAA	22.00
		and all uplands within the bed of the unnamed						15.66667	-		APC	22.00
		channel of the Colville River as shown on the official										
		tract map for the State O&G Lease Sale 75, 332 acres										
168	388465	TRACT 86-065	1,157.00	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
		T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA									PAA	22.00
		section 6, protracted, all tide and submerged lands, 577.00 acres; section 7, protracted, all tide and submerged lands, 580.00 acres.									Anadarko	22.00
		section 7, protracted, an fide and submerged fands, 500.00 acres.										
169	388466	TRACT 86-066	1752.07	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
	4946	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA									PAA	22.00
		section 18, protracted, all tide and submerged lands, 583.00 acres;									Anadarko	22.00
		section 19, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 444.59 acres;										
		section 28, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 62.67 acres;										

				DEPTH		ROYALTY			ORRI			WI
					Original		Mineral	Amended Net		Net		Working
Tr.	ADL No.	Legal		Depth	Royalty	Royalty	Owns.	Royalty*	ORRI	ORRI	Tract	Interest
No.	AK No.	Description	Acres	Restrictions	(%)	Owners	(%)	(%)	Owners	(%)	Owners	(%)
		section 29, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water, 237.21 acres;										
		section 30, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 286.90 acres;										
		section 31, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water, 47.04 acres;										
		section 32, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water, 90.66 acres.										
170	388463	TRACT 86-063	2,916.50	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
		T. 12 N., R. 3 E., UMIAT MERIDIAN, ALASKA	_,,								PAA	22.00
		section 1, protracted, all tide and submerged lands, 640.00 acres;									Anadarko	22.00
		section 2, protracted, all tide and submerged lands, 640.00 acres;										
		section 11, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 476.33 acres;										
		section 12, protracted, all tide and submerged lands, 640.00 acres;										
		section 13, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 454.20 acres;										
		section 14, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines as shown on the official tract map, 43.11 acres;										
		section 24, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water, 22.86 acres.										
		the line of mean light value, 22.00 acres.										
		THE CHANNEL CLOSING LINES WITHIN SECTIONS 11, 13 AND 14										
		WERE DRAWN BASED ON COASTAL BOUNDARY BAY CLOSING LINE PROCEDURE. THE PURPOSE IS TO SEGREGATE TIDE AND										
		SUBMERGED ACREAGE FROM UPLAND ACREAGE.										
171	388464	TRACT 86-064	1,798.41	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
											PAA	22.00
		T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA									Anadarko	22.00
		section 1, protracted, all tide and submerged lands, 26.17 acres;										
		T. 12 N., R. 3 E., UMIAT MERIDIAN, ALASKA										
		section 3, protracted, all tide and submerged lands, 640.00 acres;										
		section 4, unsurveyed, all tide and submerged lands seaward of the										
		line of mean high water and the channel closing lines as										
		shown on the official tract map, 519.60 acres;										
		section 5, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines as shown										
		on the official tract map, 207.84 acres;										
				Page 2								

				DEPTH		ROYALT			ORRI			WI
_					Original			Amended Net		Net		Working
Tr.	ADL No.	Legal		Depth	Royalty	Royalty	Owns.	Royalty*	ORRI	ORRI	Tract	Interest
No.	AK No.	Description	Acres	Restrictions	(%)	Owners	(%)	(%)	Owners	(%)	Owners	(%)
		section 6, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines										
		as shown on the official tract map, 176.95 acres;										
		section 9, unsurveyed, all tide and submerged lands, 23.34 acres;										
		section 10, unsurveyed, all tide and submerged lands seaward of										
		the line of mean high water and the channel closing lines as										
		shown on the official tract map, 204.51 acres.										
		THE CHANNEL CLOSING LINES WITHIN SECTIONS 4, 5, 6 AND 10 WERE DRAWN BASED ON COASTAL BOUNDARY BAY CLOSING LINE PROCEDURE. THE PURPOSE IS TO SEGREGATE TIDE AND SUBMERGED ACREAGE FROM UPLAND ACREAGE.										
172	388502	Portion of TRACT 86-102	640.00	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
1/2	366302	T. 13 N., R. 3 E., UMIAT MERIDIAN, ALASKA	040.00	None	10.00007	State	100.00	IN/A	None	None	PAA	22.00
		section 35, protracted, all tide and submerged lands, 640.00 acres;									Anadarko	22.00
173	388503	Portion of TRACT 86-103	1,280.00	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
1,5	200203	T. 13 N., R. 3 E., UMIAT MERIDIAN, ALASKA	1,200.00	110110	10.00007	State	100.00	1,171	110110	110110	PAA	22.00
		section 33, protracted, all tide and submerged lands, 640.00 acres;									Anadarko	22.00
		section 34, protracted, all tide and submerged lands, 640.00 acres.										
174	388504	Portion of TRACT 86-104	1,915.00	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
1/4	386304	T. 13 N., R. 3 E., UMIAT MERIDIAN, ALASKA	1,913.00	None	10.00007	State	100.00	IN/A	None	None	PAA	22.00
		section 30, protracted, all tide and submerged lands, 636.00 acres;									Anadarko	22.00
		section 30, protracted, all tide and submerged lands, 639.00 acres;									Alladarko	22.00
		section 32, protracted, all tide and submerged lands, 640.00 acres.										
		section 32, producted, an idea and submerged lands, 6 10.00 acres.										
175	388498	Portion of TRACT 86-098	3,124.76	None	16.66667	State	100.00	N/A	None	None	CPAI	56.00
		TRACT 86-098									PAA	22.00
		T. 13 N., R. 2 E., UMIAT MERIDIAN, ALASKA									Anadarko	22.00
		section 25, protracted, all tide and submerged lands, 640.00 acres;										
		section 26, protracted, all tide and submerged lands, 640.00 acres;										
		section 27, protracted, all tide and submerged lands, 640.00 acres;										
		section 34, unsurveyed, all tide and submerged lands seaward of the										
		line of mean high water and the disputed boundary of the										
		"national petroleum reserve-alaska" as shown on the										
		official tract map, 264.31 acres;										
		section 35, unsurveyed, all tide and submerged lands seaward of the										
		line of mean high water and the disputed boundary of the										
		"national petroleum reserve-alaska" as shown on the										
		official tract map, 369.74 acres;										
		section 36, unsurveyed, all tide and submerged lands seaward of the										
		line of mean high water and the disputed boundary of the										
		"national petroleum reserve-alaska" as shown on the										

				DEPTH		ROYALT	Y		ORRI			WI
Tr. No.	ADL No.	Legal Description	Acres	Depth Restrictions	Original Royalty (%)	Royalty Owners	Mineral Owns. (%)	Amended Net Royalty* (%)	ORRI Owners	Net ORRI (%)	Tract Owners	Working Interest (%)
110.	111110.	official tract map, 570.71 acres.	110105	regureerons	(/0)	O WHEID	(70)	(/0)	O WING	(/*/	0 111010	(/*)
176	388497	Portion of TRACT 86-097 TRACT 86-097 T. 13 N., R. 2 E., UMIAT MERIDIAN, ALASKA	1,096.96	None	16.66667	State	100.00	N/A	None	None	CPAI PAA Anadarko	56.00 22.00 22.00
		section 28, protracted, all tide and submerged lands, 640.00 acres; section 33, unsurveyed, all tide and submerged lands seaward of the line of mean high water and the disputed boundary of the "national petroleum reserve-alaska" as shown on the official tract map, 456.96 acres										
177	4742	T. 12 N., R. 3 E., UMIAT MERIDIAN, ALASKA section 4: all excluding tide and submerged lands seaward of the line of mean high water, 120.4 acres; section 5: all excluding tide and submerged lands seaward of the line of mean high water, 432.86 acres; section 6: all excluding tide and submerged lands seaward of the line of mean high water, 386.69 acres; section 7: all, 579.64 acres; section 8: all, 640 acres; section 9: all excluding tide and submerged lands seaward of the line of mean high water, 616.66 acres; section 10: all excluding tide and submerged lands seaward of the line of mean high water, 425.04 acres; section 11: all excluding tide and submerged lands seaward of the line of mean high water, 178.72 acres; section 13: all excluding tide and submerged lands seaward of the line of mean high water, 184.11 acres; section 14: all excluding tide and submerged lands seaward of the line of mean high water, 624 acres; section 15: all, 640 acres; section 16: all, 640 acres; section 17: all, 640 acres; section 18: all, 582.32 acres; section 19: all, 530 acres; section 20:all, 640 acres; section 21: all, 640 acres; section 22: all, 640 acres; section 22: all, 640 acres; section 23: all, 640 acres; section 24: all excluding tide and submerged lands seaward of the line of mean high water, 625 acres.	16,456.31	None	12.50	ASRC	100.00	10.500000	Kuukpik	2.000000	AAI UTP APC	56.00 22.00 22.00

T. 13 N., R. 2 E., UMIAT MERIDIAN, ALASKA

			DEPTH		ROYALTY			ORRI			WI
				Original		Mineral	Amended Net		Net		Working
ADL No.	Legal		Depth	Royalty	Royalty	Owns.	Royalty*	ORRI	ORRI	Tract	Interest
AK No.	Description	Acres	Restrictions	(%)	Owners	(%)	(%)	Owners	(%)	Owners	(%)
	section 33: all excluding tide and submerged lands seaward of the										
	line of mean high water, 218 acres;										
	section 34: all excluding tide and submerged lands seaward of the										
	line of mean high water, 398 acres;										
	section 35: all excluding tide and submerged lands seaward of the										
	line of mean high water, 280.75 acres;										
	section 36: all excluding tide and submerged lands seaward of the										
	line of mean high water, 59.12 acres;										
	T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA										
	section 1: all excluding tide and submerged lands seaward of line of										
	mean high water, 615 acres;										
	section 2: all, 640 acres;										
	section 3: all, 640 acres;										
	section 4: all, 640 acres;										
	section 9: all, 640 acres;										
	section 10: all 640 acres;										
	section 11: all, 640 acres;										
	section 12: all, 640 acres.										
4743	T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA	118.97	None	16.67000	ASRC	100.00	15.0000	Kuukpik	1.667000	AAI	56.00
	section 19 (fractional): all excluding tide and submerged lands							•		UTP	22.00
	seaward of the line of mean high water, 118.97 acres.									APC	22.00
	TOTAL	34,175.98									
		AK No.  Description  section 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 2: all, 640 acres; section 3: all, 640 acres; section 4: all, 640 acres; section 9: all, 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 12: all, 640 acres.  4743  T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA section 19 (fractional): all excluding tide and submerged lands seaward of the line of mean high water, 118.97 acres.	AK No. Description Acres  section 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 2: all, 640 acres; section 3: all, 640 acres; section 4: all, 640 acres; section 9: all, 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 10: all 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 11: all, 640 acres; section 12: all, 640 acres.  4743  T. 12 N., R. 4 E., UMIAT MERIDIAN, ALASKA seaward of the line of mean high water, 118.97 acres.  TOTAL  34,175.98	ADL No.  AK No.  Description  Section 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 2: all, 640 acres; section 9: all, 640 acres; section 9: all, 640 acres; section 10: all 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 12: all, 640 acres; section 12: all, 640 acres; section 19: fractional): all excluding tide and submerged lands seaward of the line of mean high water, 118.97 acres.  TOTAL 34,175.98	ADL No.  AK No.  Description  Section 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 2: all, 640 acres; section 9: all, 640 acres; section 9: all, 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 12: all, 640 acres; section 10: all 640 acres; sec	ADL No.  Legal  Description  Acres  Restrictions  Royalty  Royalty  Royalty  ACRIN  Depth  Royalty  Royalty  Royalty  ACRIN  Restrictions  Royalty  Royalty  Royalty  Royalty  Royalty  Acres  Restrictions  Restrictions  (%)  Owners  Restrictions  (%)  Owners  Restrictions  Restricti	ADL No. Legal ANDL No. Description Acres Restrictions Section 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 3: all, 640 acres; section 3: all, 640 acres; section 9: all, 640 acres; section 9: all, 640 acres; section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 1: all, 640 acres	ADL No.  Legal  AK No.  Description  Acres  Restrictions  Restrictions  Restrictions  Restrictions  Restrictions  Restriction 33: all excluding tide and submerged lands seaward of the line of mean high water, 218 acres; section 34: all excluding tide and submerged lands seaward of the line of mean high water, 398 acres; section 35: all excluding tide and submerged lands seaward of the line of mean high water, 280.75 acres; section 36: all excluding tide and submerged lands seaward of the line of mean high water, 59.12 acres;  T. 12 N., R. 2 E., UMIAT MERIDIAN, ALASKA section 1: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 3: all, 640 acres; section 4: all, 640 acres; section 9: all, 640 acres; section 9: all, 640 acres; section 10: all 640 acres; section 11: all, 640 acres; section 11: all, 640 acres; section 12: all, 640 acres; section 13: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 11: all, 640 acres; section 12: all, 640 acres; section 12: all, 640 acres; section 13: all, 640 acres; section 14: all, 640 acres; section 15: all, 640 acres; section 16: all excluding tide and submerged lands seaward of line of mean high water, 615 acres; section 15: all, 640 acres; section 16: all, 640 acres; section 17: all, 640 acres; section 18: all, 640 acres; section 19: all, 640 acres; section 10: all 640 acres; section 15: all, 640 acres; section 1	ADL No. Legal Description Acres Restrictions (%) Owners	ADL No.  Legal  Deptil  Royalty  Royalt	ADL No.  Legal  AND No.  Description  Acres Restrictions (%) Owners (%) Owner

<sup>\*</sup> ASRC's net royalty amount reflects the net ORRI of Kuukpik.

#### KEY:

ASRC - Arctic Slope Regional Corporation
BPX - BP Exploration (Alaska) Inc.
CPAI - ConocoPhillips Alaska, Inc.
Chevron - Chevron U.S.A. Inc.
Kuukpik - Kuukpik Corporation
PAA - Phillips Alpine Alaska, LLC

State - State of Alaska, Department of Natural Resources, Division of Oil and Gas

<sup>\*\*</sup> Sliding Scale Overriding Royalty